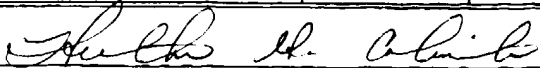


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		First Named Inventor	Theo T. Nikiforov		
		Art Unit	1637		
Sheet		of		Examiner Name	Jeffrey Siw
				Attorney Docket Number	100/07934

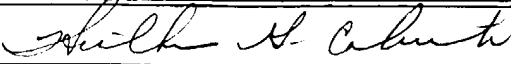
U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number - Kind Code (if known)			
NCC	AA	US-5,143,854	09-01-1992	Pirrung et al.	
NCC	AB	US-5,527,688	06-18-1996	Mallia	
NCC	AC	US-5,587,285	12-26-1996	Cloyd et al.	
NCC	AD	US-5,646,001	07-08-1997	Terstappen et al.	
NCC	AE	US-5,665,865	09-09-1997	Lerner et al.	
NCC	AF	US-5,688,648	11-18-1997	Mathies et al.	
NCC	AG	US-5,707,804	01-13-1998	Mathies et al.	
NCC	AH	US-5,728,528	03-17-1998	Mathies et al.	
NCC	AI	US-5,744,305	04-28-1998	Fodor et al.	
NCC	AJ	US-5,747,247	05-05-1998	Kowlacyzkowski et al.	
NCC	AK	US-5,779,868	07-14-1998	Parce et al.	
NCC	AL	US-5,783,687	07-21-1998	Glazer et al.	
NCC	AM	US-5,804,395	09-08-1998	Schade et al.	
NCC	AN	US-5,853,992	12-29-1998	Glazer et al.	
NCC	AO	US-5,858,195	01-12-1999	Ramsey	
NCC	AP	US-5,869,255	02-09-1999	Mathies et al.	
NCC	AQ	US-5,885,470	03-23-1999	Parce et al.	
NCC	AR	US-5,925,558	07-20-1999	Tsien et al.	
NCC	AS	US-6,071,748	06-06-2000	Modlin et al.	
NCC	AT	US-6,087,107	07-11-2000	Sheffield et al.	
NCC	AU	US-6,100,039	08-08-2000	Burke et al.	
NCC	AV	US-6,149,787	11-21-2000	Chow et al.	
NCC	AW	US-6,153,073	11-28-2000	Dubrow et al.	
NCC	AX	US-6,203,994	03-20-2001	Epps et al.	
NCC	AY	US-6,287,774	09-11-2001	Nikiforov	
NCC	AZ	US-6,326,142	12-04-2001	Royer	
NCC	BA	US-6,436,646	08-20-2002	Nikiforov	
Examiner Signature				Date Considered	07/14/04

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Examiner Name	J ffr y Siew				
Sheet		of		Attorney Docket Number	100/07934

BB	US-6,472,141	10-29-2002	Nikiforov	
BC	US-6,503,709	01-07-2003	Bekkaoui et al.	
BD	US-09/321,309		Sundberg et al.	
BE	US-2002/0061546	05-23-2002	Tsien et al.	

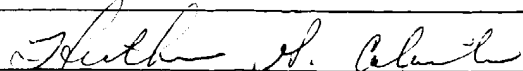
FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Country Code - Number - Kind Code (if known)				
HCC	BF	WO-94/12665		R-P Technologies		
	BG	WO-95/15981	06-15-1995	Univ. Utah		
	BH	WO-98/00231	01-08-1998	Caliper		
	BI	WO-98/00705	01-08-1998	Caliper		
	BJ	WO-98/18956	05-07-1998	Panvera		
	BK	WO-98/45481	10-15-1998	Caliper		
	BL	WO-99/16162	04-01-1999	Caliper		
	BM	WO-99/23466	05-14-1999	LJL Biosystems		
	BN	WO-99/64840	07-07-1999	Caliper		
	BO	WO-00/23785	04-27-2000	LJL Biosystems		
	BP	EP-0 781 853	07-02-1997	Eli Lilly Co.		
HCC	BQ	EP-0 786 666	07-30-1997	Hoffman La Roche		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T
BB	BR	ANDERSSON, L. et al., "Isolation of Phosphoproteins by Immobilized Metal(Fe3+) Affinity Chromatography," Anal Biochem. (1986) 154:250-254			
BB	BS	CHECOVICH, W.J. et al., "Fluorescence Polarization-a New Tool for Cell and Molecular Biology," Nature (1995) 75:254-256			
BB	BT	CHEN, W. et al., "Fluorescence Polarization in Homogeneous Nucleic Acid Analysis," Genome Res. (1999) 9:492-8			
BB	BU	COFFIN, J. et al., Anal. Biochem. (2000) 278:206-212			
BB	BV	DANDLIKER, B.B. et al., "Quantification of the Antigen-Antibody Reaction by the Polarization of Fluorescence," Biochem Biophys Res Commun. (1961) 5:299-304			
Examiner Signature		Date Considered			
		07/14/04			

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Sheet		of	Attorney Docket Number	100/07934

NCC	BW	DANDLIKER, B.B. et al., "Fluorescence Polarization in Immunochemistry," Immunochemistry (1970) 7:799	
NCC	BX	DANDLIKER, B.B. et al., "Fluorescence Polarization Immunoassay. Theory and Experimental Method," Immunochemistry (1973) 10:219	
NCC	BY	DESHPANDE, S.S. et al., "A Robust, Versatile Tyrosine Kinase Assay for HTS in Drug Discovery," Prog. Biomed. Optics (SPIE) (1999) 3603:251-61	
NCC	BZ	DEVLIN, R. et al., "Homogeneous Detection of Nucleic Acids by Transient-State Polarized Fluorescence," Clin. Chem. (1993) 39:1939	
NCC	CA	EGHOLM, M. et al., <u>Nature</u> (1993) 365:566-568	
NCC	CB	ERICKSON, A.C. et al., "Metal (Fe3+) Affinity Chromatography: Differential Adsorption of Tau Phosphoproteins" <u>J. Neurosci. Methods</u> (1993) 46-245-249	
NCC	CC	EVETT, J. et al., "DNA-Polylysine Interaction as Studied by Polarization of Fluorescence," Ann. N.Y. Acad. Sci. (1969) 158:210-22	
NCC	CD	GIBSON, et al., "A Homogeneous Method for Genotyping with Fluorescence Polarization," Clinical Chemistry (1997) 43:1336-41	
NCC	CE	GINGERAS, T.R. et al., "A Spectrofluorometric Method for Measurement of Restriction Endonuclease Activity Based on Fluorescence Polarization," J. Cell. Biochem. Suppl. (1992) Suppl. 17 Part C, p. 173	
NCC	CF	GLOTOV, B.O. et al., "Histone H1-DNA Interaction: Influence of Phosphorylation on the Interaction of Histone H1 with Linear Fragmented DNA," Nucleic Acids Research (1977) 4:1065:82	
NCC	CG	GREEN, R.C. "Fluorescence Polarization Colloid Charge Titration: Development and Application for Feed Forward Coagulant Control at Water Treatment Facilities," Ph.D. Thesis, University of Colorado (1997)	
NCC	CH	ICHIMURA, S. et al., "The Interaction of 8-Anilino-1-Naphthalanesulfonate with Polylysine and Polyarginine," Biopolymers (1977) 16:1449-64	
NCC	CI	JISKOOT, W. et al., "Preparation and Application of a Fluorescein-labeled Peptide for Determining the Affinity Constant of a Monoclonal Antibody-Hapten Complex by Fluorescence Polarization," Anal. Biochem. (1991) 196:421	
NCC	CJ	JOLLEY, M.E. et al., "Fluorescence Polarization Immunoassay I. Monitoring Aminoglycoside Antibiotics in Serum and Plasma," Clinical Chemistry (1981) 27:1190-97	
NCC	CK	JOLLEY, M.E. et al., "Fluorescence Polarization Assays for the Detection of Proteases and Their Inhibitors," Journal of Biomolecular Screening (1996) 1:33-38	
NCC	CL	JORDEN, R.M. et al., "Colloid Charge Capacity-Its Measurement, Problems and Promise," Chemical Water and Wastewater Treatment IV (1997) 121-35	

Examiner Signature		Date Considered	07/14/04
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		Art Unit	1637	
		Examiner Name	J ffr y Si w	
Sheet		of	Attorney Docket Number	100/07934

NCC	CM	KUMKE, M.U. et al., "Hybridization of Fluorescein-Labeled DNA Oligomers Detected by Fluorescence Anisotropy with Protein Binding Enhancement," <u>Anal. Chem.</u> (1995) 67:3945-51	
NCC	CN	LAURENCE, D.J.R., "A Study of the Adsorption of Dyes on Bovine Serum Albumin by the Method of Polarization of Fluorescence," <u>Biomechanical Journal</u> (1952) 51:165-77 "	
NCC	CO	LEVINE, L.M. et al., <u>Anal. Biochem.</u> (1997) 247:83-88	
NCC	CP	LEVISON, S.A. et al., "Fluorescence Polarization Measurement of the Hormone-Binding Site Interaction," <u>Endocrinology</u> (1976) 99:1129	
NCC	CQ	LUNDBLAD, J.R., et al., "Fluorescence Polarization Analysis of Protein-DNA and Protein-Protein Interactions," <u>Molecular Endocrinology</u> (1996) 10:607-612	
NCC	CR	LYNCH, B.A. et al., "A Fluorescence Polarization Based Src-SH2 Binding Assay," <u>Analytical Biochemistry</u> (1997) 247:77-82	
NCC	CS	MURAKAMI, A. et al., <u>Nucl. Acids Res.</u> (1991) 19:4097-4102	
NCC	CT	MUSCZYNSKA, G. et al., "Selective Adsorption of Phosphoproteins on Gel-Immobilized Ferric Chelate" <u>Biochemistry</u> (1986) 25-6850-6853	
NCC	CU	NIKIFOROV, THEO T. et al., <u>Anal. Biochem.</u> (1999) 275:248-253	
NCC	CV	PARK, Y-W. et al., <u>Anal. Biochem.</u> (1999) 269:94-104	
NCC	CW	OWICKI, J.C. et al., "Application of Fluorescence Polarization Assays in High-Throughput Screening," <u>Genetic Engineering News</u> (1997)	
NCC	CX	OZERS, M.S. et al., "Equilibrium Binding of Estrogen Receptor with DNA Using Fluorescence Anisotropy," <u>J. Biol. Chem.</u> (1997) 272:30405-11	
NCC	CY	SCHADE, S.Z. et al., "BODIPY-a-Casein, a pH-Independent Protein Substrate for Protease Assays Using Fluorescence Polarization," <u>Analytical Biochemistry</u> (1996) 243:1-7	
NCC	CZ	SEETHALA, R. et al., <u>Anal. Biochem.</u> (1997) 253:210-218	
NCC	DA	SEETHALA, R. et al., <u>Anal. Biochem.</u> (1998) 255:257-262	
NCC	DB	SMALLSHAW, J.C. et al., "Determination of the Binding Constants for Three HPr-Specific Monoclonal Antibodies and Their Fab Fragments," <u>Mol. Biol.</u> (1998) 280:765-74	
NCC	DC	TANHA, J. et al., "Thermodynamic Analysis of Monoclonal Antibody Binding to Duplex DNA," <u>Nucleic Acids Research</u> (1997) 25:1442-49	
NCC	DD	TYAGI, S. et al., <u>Nature Biotech.</u> (1996), 14:303-308	
NCC	DE	TYAGI, S. et al., <u>Nature Biotech.</u> (1998), 16:49-53	
NCC	DF	URIOS, P. et al., <u>Anal. Biochem.</u> (1990) 185:308-312	

Examiner Signature		Date Considered	07/14/04
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Examiner Name	J ffrey Siew			
Sheet		of	Attorney Docket Number	100/07934

<i>nee</i>	DG	WALKER, G.T. et al., "Strand Displacement Amplification (SDA) and Transient-State Fluorescence Polarization Detection of Mycobacterium Tuberculosis DNA," Clinical Chemistry (1996) 42:9-13	
	DH	WALKER, G.T. et al., Nucl. Acids Res. (1996), 24(2):34-353	
	DI	WEBER, G. "Rotational Brownian Motion and Polarization of the Fluorescence of Solutions," Adv. Protein Chem. (1953) 8:415	
	DJ	WEI, A. et al., "Use of Synthetic Peptides as Tracer Antigens in Fluorescence Polarization Immunoassays of High Molecular Weight Analytes," Anal. Chem. (1993) 65:3372	
	DK	WILKINSON, D. "Tyr'd and True: Immunochemical Reagents and Kits for Studying Tyrosine Phosphorylation," The Scientist (1999) pp. 13-21	
	DL	WU, P. et al., "'A High-Throughput STAT Binding Assay Using Fluorescence Polarization," Anal. Biochem. (1997) 249:29-36	
	DM	PanVera Corporation "Fluorescence Polarization Applications Guide", Madison, WI	
	DN	Molecular Devices Corporation's redacted version of its Opposition to Caliper's Motion for Preliminary Injection in pending litigation US Civil Case No. C-02-1837 (CRB) and supporting declaration by Andrew R. Barron and Richard Sportsman	
	DO	Claim Construction Order, US District Court, Northern District of California, Case No. C 02-01837, September 3, 2003	

Examiner Signature	<i>Richard M. Calvert</i>	Date Considered	<i>07/14/04</i>
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